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29 November 1966

**MEMORANDUM FOR: Director of ELINT**

**SUBJECT : Potential Article For "Studies in Intelligence"**

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1. I happened to run into [ ] today and briefly discussed Project [ ] with him. It occurred to me in the course of the discussion that this work might provide the basis for an article for "Studies in Intelligence." I mentioned this possibility briefly to [ ] and suggested he talk to you about it.

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2. [ ] typifies a new approach in signal collection to the extent that it accomplishes pre-selection and a considerable amount of data reduction in near real time at the source of the signal. This is certainly the sort of technique that can provide answers to the signal information explosion. Other significant particulars pertaining to the equipment may also be of interest to "Studies in Intelligence Readers" such as the pre-instruction which is provided to the computer for the equipment on the parameters to be measured, the method, and accuracy by which these parameters are to be measured. Although this type of operation requires considerable sophistication in the equipment, close attention to reliability and pre-planning, both operationally and technically, typify other activities required to insure the kind of success which [ ] has achieved. Ultimately, great flexibility can be achieved through this powerful approach which has already demonstrated the capability to collect intelligence information which would otherwise not have been detected.

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3. I believe [ ] represents the latest state-of-the-art in a cooperative man/machine approach to a complex problem, and it is uniquely an Agency operation.

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4. I feel [ ] and other pertinent factors of interest described in non-technical terms would be a timely and worthwhile article for "Studies in Intelligence."

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cc: Director of Scientific Information

Acting Deputy Director for Science  
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and Technology

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